



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 2417

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Y ✓	US 4 564 777 A (SENOO MASAHIRO ET AL) 14 January 1986 (1986-01-14) * column 1, line 13 - column 2, line 7 * * figures 1-3 * ---	1-3,5-15	H02K21/46 H02K17/08 H02K1/22 H02K17/26 H02K1/27
Y ✓	US 4 403 161 A (MIYASHITA KUNIO ET AL) 6 September 1983 (1983-09-06) * figures *	1,2,5-7	
Y ✓	GB 2 292 847 A (MITSUBISHI ELECTRIC CORP) 6 March 1996 (1996-03-06) * abstract *	3,8-15	
TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
H02K H02P F04B F04C			
The present search report has been drawn up for all claims			
4	Place of search	Date of completion of the search	Examiner
	THE HAGUE	17 April 2002	Ramos, H
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 2417

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-04-2002

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 4564777	A	14-01-1986	JP	2523103 B2		07-08-1996
			JP	60183957 A		19-09-1985
			JP	59201663 A		15-11-1984
			DE	3415607 A1		08-11-1984
US 4403161	A	06-09-1983	JP	1248877 C		25-01-1985
			JP	54009708 A		24-01-1979
			JP	59023179 B		31-05-1984
GB 2292847	A	06-03-1996	JP	3126895 B2		22-01-2001
			JP	8126363 A		17-05-1996
			CN	1132961 A ,B		09-10-1996
			HK	1000503 A1		24-03-2000
			SG	54971 A1		21-12-1998